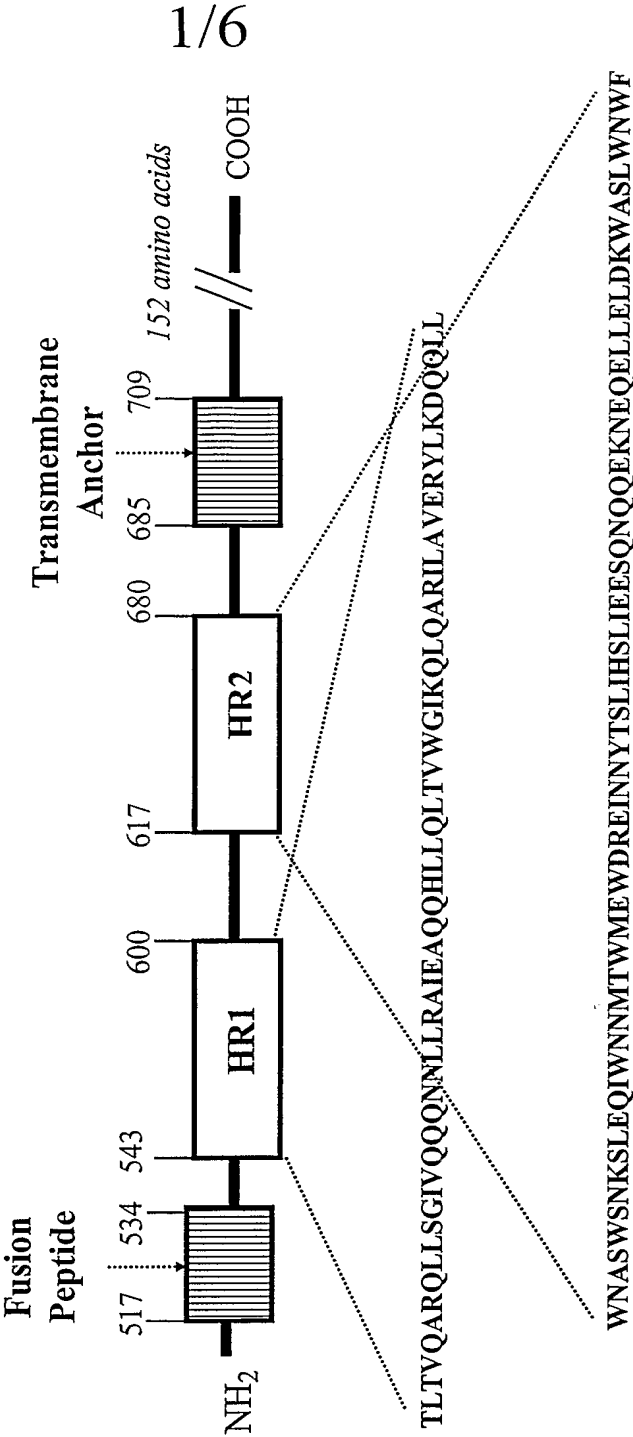


FIG. 1



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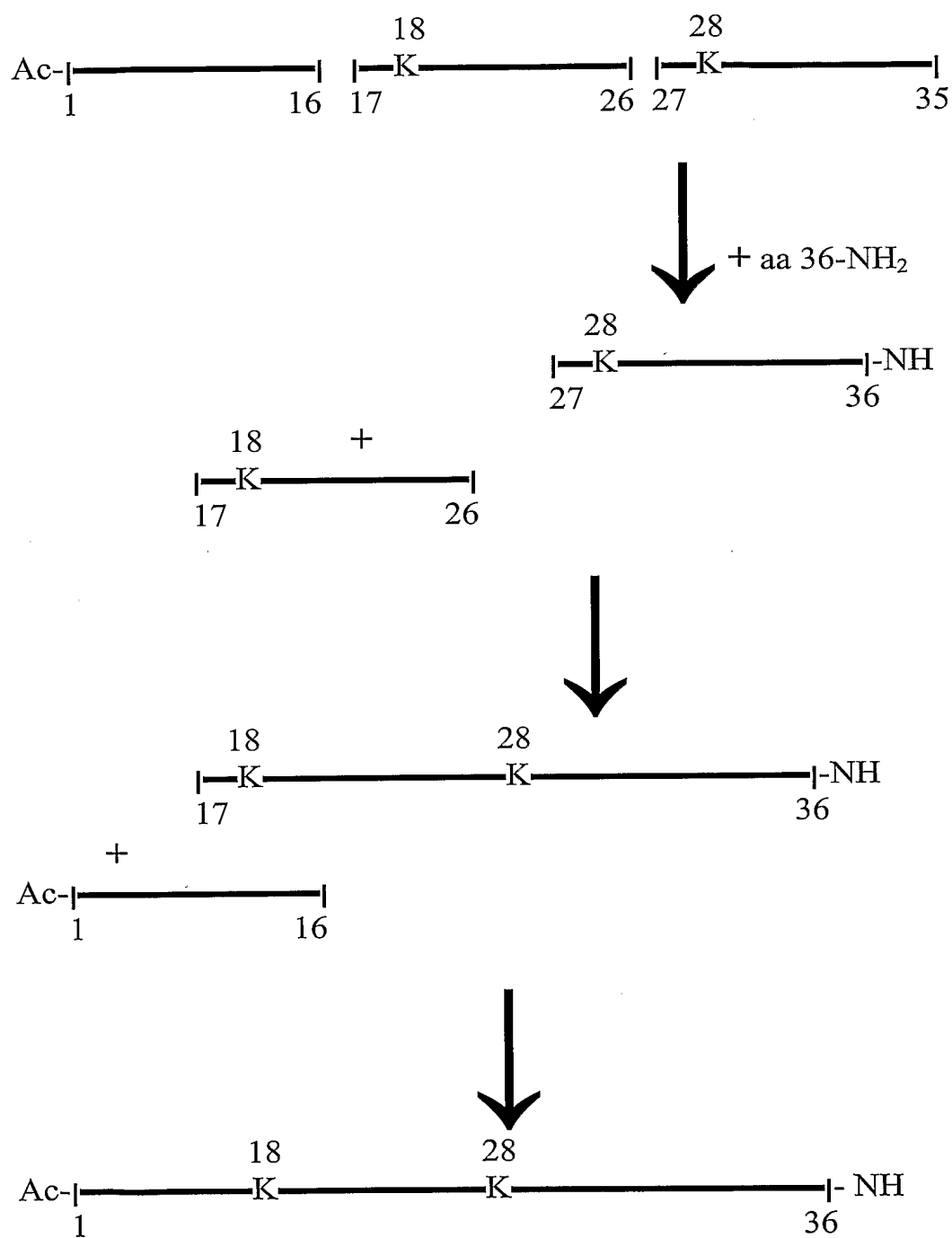
	10	20	30	40
	-----+-----+-----+-----+-----			
T-21	--NNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQ			
Gp41bru.pro	QQ	.....Q		
Gp41hxb2.PRO	QQ	.....Q		
PNL4-3 gp41.PRO	QQ	.....Q		
Ug273-A.pro	QQS	.....K	.....L	.....R..Q
Us2-B.pro	QQ	.....V.....Q		
Ug268-C.pro	QQ	.....M	.....T.V..I	.....Q..Q
Se365-D.pro	QQ	.....R..Q		
CM240-E.pro	QQS	.....V.....K		
Bz126-F.pro	QQ	.....V.....Q..Q		
HH8793-G.pro	QQS	.....V..L....R..Q		
ENV_HV1BN	QQ	.....M	.....M.E	.....V.....Q
ENV_HV1C4	QQ	.....K	.....Q	
ENV_HV1KB	QQ	.....D	.....V	.....Q
_VCLJH00	QQ	.....K	.....Q	
ENV_HV1B8	QQ	.....G	.....Q	
ENV_HV1Z8	QQ	.....M	.....V	.....S....Q
1	QQT	M.K	.....V	.....Q
2	QQT	S	.....V	.....R..Q
3	QQ	D	.....M	.....V..L.G..Q..Q
4	QQ	M	.....M	.....V.....R..Q
5	QQS	M	.....L	MV.....V.....Q
6	QQS	M	.....M	.....V.....Q
7	QQX	M	.....V	.....L....R..Q
8	QQ	D	G.D.P	.....W.....V.....RG.Q
9	QQ	S	Q.....RM	.....V.....Q
10	QQ	D	.....R	.....V..L....R..Q
11	QQT	M	.....S	.....V.....Q
12	QRS	K	.....QMWR	.....F.....L.....Q
13	QQ	.....M	.....R	V..I.....Q
14	QQS	.....PG.....Q		
15	QQ	.....V..K...R..Q		
16	ER	K.R	.....M	.....V.....S....Q
17	HQS	.....V.....R..Q		
18	QQ	D	G.D.P	.....V.....V.....RG.Q

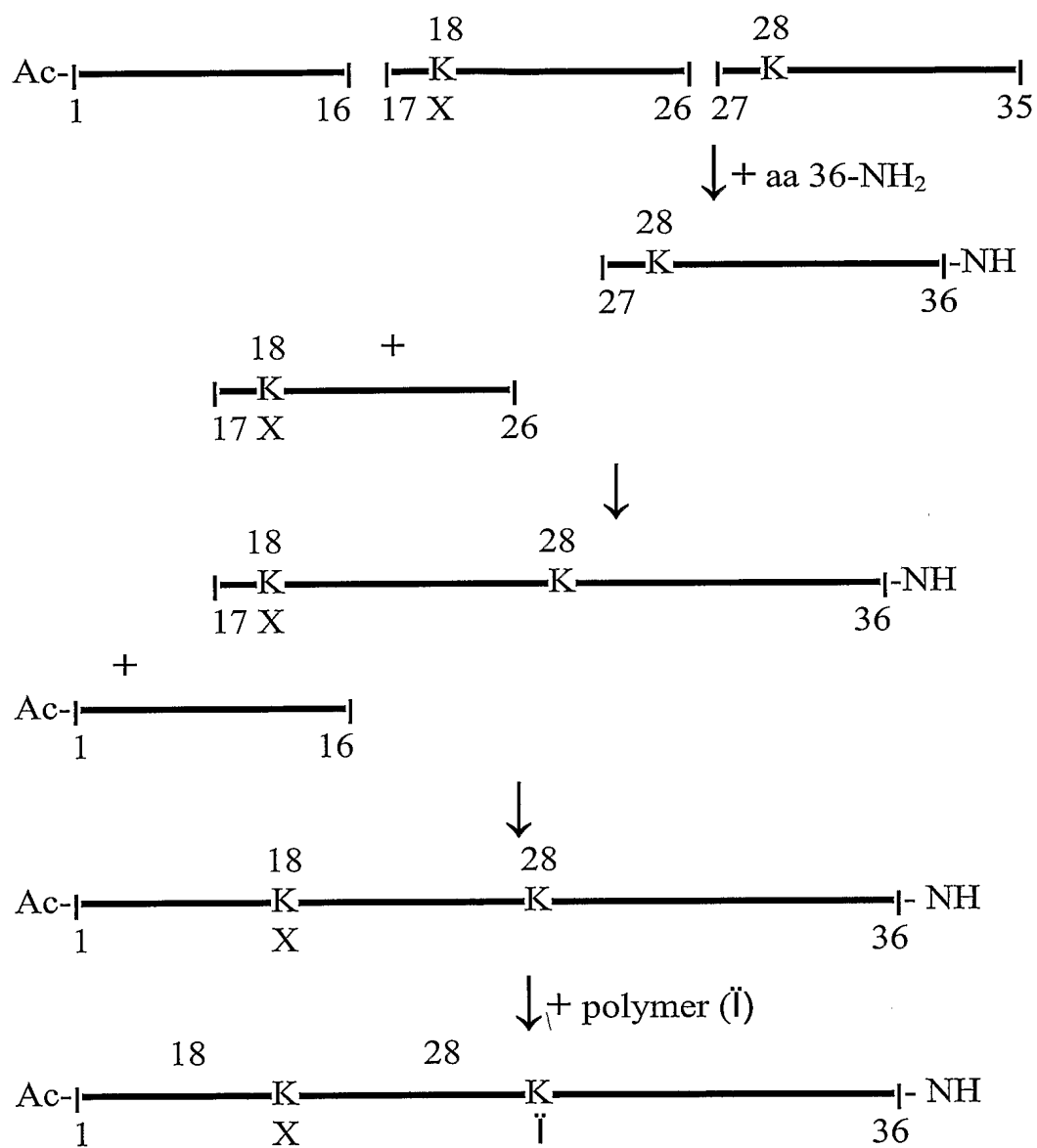
FIG. 2

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## FIG. 3

MTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	
-----+-----+-----+-----	
10 20 30	
-----+-----+-----+-----	
	<u>Isolate</u>
624 MTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	NL4-3
631 MTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	LAV1a
626 TTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	IIIB
626 TTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	HXB2
619 MTWMQWEKEINNYTGLIYNLIEESQNQQEKNEQELL	DH12
MTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	BRU
TTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	HXB2
MTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELL	pNL4-3
625 MTWLQWDKEISNYTNIIYDLIEEAQNQQEKNEQDLL	Ug273-A
623 MTWMEWEREIDNYTNTIYTLLEESQLQQEKNEQELL	Us2-B
619 MTWMQWDREISNYTGTYRLLEDSONQQEKNEKDLL	Ug268-C
MTWMEWEREIDNYTGLIYSLIEESQTQQEKNEQELL	Se365-D
620 MTWIEWEREISNYTNQIYEILTESQNQQDRNEKDLL	CM240-E
612 MTWMEWEKEISNYSYEIYRLIEQSONQQEKNEQELL	Bz126-F
613 MTWIQWDREISNYTQQIYSLIEESQNQQEKNEQDLL	HH8793-G

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**FIG. 4**

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**FIG. 5**

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**FIG. 6**

